

Serial No.: 10/501.797
Examiner: Lydia E. Edwards
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Amendments to the Claims:

This listing of claims will replace all prior versions, and listing, of claims in the application.

1. (Currently amended) A combination of an analytical tool and a temperature detecting analytical device, the temperature detecting analytical device comprising a housing including a mounting portion for mounting the an-analytical tool capable of outputting information for computation, a computation unit for conducting computation for analyzing a sample based on said information for computation, and a temperature detection unit for outputting temperature information,

wherein said mounting portion comprises a table having a projecting portion protruding from said housing;

wherein said analytical tool comprises a substrate separate from said mounting portion and a reagent portion which is formed on said substrate, said reagent portion being located above on said projecting portion of said table outside said housing when said analytical tool is mounted onto said mounting portion; and

wherein said temperature detection unit is located on said projecting portion of said table directly below said reagent portion when said analytical tool is mounted on said mounting portion.

2. (Currently amended) The ~~temperature detecting analytical device combination~~ according to claim 1, wherein the temperature detecting analytical device which further comprises a temperature correction unit for correcting the computation results obtained in said computation unit, based on said temperature information.

3. (Currently amended) The ~~temperature detecting analytical device combination~~ according to claim 1, wherein said temperature detection unit comprises a contact type temperature sensor.

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4. (Currently amended) The ~~temperature detecting analytical device combination~~ according to claim 3, wherein said temperature detection unit comprises a thermally conductive portion having a contact surface for contact with said temperature sensor and said analytical tool.
5. (Currently amended) The ~~temperature detecting analytical device combination~~ according to claim 4, wherein said thermally conductive portion is formed of a material with a thermal conductivity of higher than $0.10 \text{ cal}/(^{\circ}\text{C}\cdot\text{cm}\cdot\text{sec})$.
6. (Currently amended) The ~~temperature detecting analytical device combination~~ according to claim 5, wherein said thermally conductive portion is formed of a material with a thermal conductivity of higher than $0.15 \text{ cal}/(^{\circ}\text{C}\cdot\text{cm}\cdot\text{sec})$.
7. (Canceled)
8. (Currently amended) The ~~temperature detecting analytical device combination~~ according to claim 4, wherein said temperature sensor and said thermally conductive portion are sealed with a resin package in said projecting portion of said table.
9. (Currently amended) The ~~temperature detecting analytical device combination~~ according to claim 3, wherein said temperature detection unit comprises a contact type temperature sensor, and
the temperature sensor is disposed in direct contact with said analytical tool when said analytical tool is mounted on said mounting portion.
10. (Currently amended) The ~~temperature detecting analytical device combination~~ according to claim 1, wherein said temperature detection unit comprises a non-contact type temperature sensor.
11. (Canceled)

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12. (Currently amended) The temperature detecting analytical device combination

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